

Converting Colors

XYZ(22.5001, 26.4900, 39.5249)

Have a look what the booklet for
XYZ(22.5001, 26.4900, 39.5249)
contains.

XYZ(22.5270, 26.5491, 39.5345)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(22.5270, 26.5491,
39.5345)**

Conversions

Conversions Part 1

Format	Color
Hex	6394A5
RGB	99, 148, 165
RGB Percent	39%, 58%, 65%
CMY	0.6118, 0.4196, 0.3529
CMYK	0.40, 0.10, 0.00, 0.35
HSL	195°, 27%, 52%
HSV	195°, 40%, 65%
XYZ	22.5270, 26.5491, 39.5345
YIQ	135.2870, -34.6610, -5.1010

Conversions

Conversions Part 2

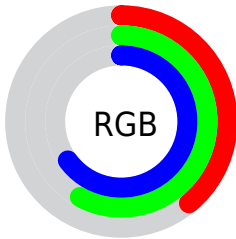
Format	Color
R _Y B	99, 127, 165
Decimal	6526117
CIE Lab	58.55, -11.93, -14.14
CIE LCh	59, 18.499, 229.846
Yxy	26.5491, 0.2542, 0.2996
Android (android.graphics.Color)	4284716197 (0xFF6394A5)
YUV	135.2870, 14.6485, -31.8237
Hunter-Lab	51.5258, -12.1303, -9.4237

Details

The XYZ color **22.5270, 26.5491, 39.5345** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **24.0150, 21.3912, 14.6682**, and the grayscale version is **23.0928, 24.2955, 26.4578**.

A 20% lighter version of the original color is **46.9877, 54.0838, 75.6728**, and **8.4276, 10.3460, 17.1756** is the 20% darker color. If you saturate the color by 10%, you get **20.2511, 24.4049, 39.2411**, and if you desaturate by 10%, it is **25.1974, 28.9342, 39.8546**.

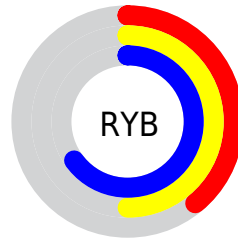
Distribution



Red (39%)

Green (58%)

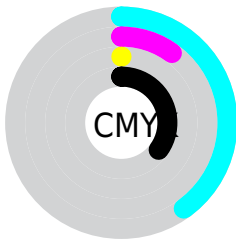
Blue (65%)



Red (39%)

Yellow (50%)

Blue (65%)

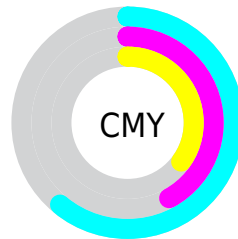


Cyan (40%)

Magenta (10%)

Yellow (0%)

Black (35%)



Cyan (61%)

Magenta (42%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.5270, 26.5491, 39.5345 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 22.5270, 26.5491, 39.5345 by changing the saturation by 10% instead.

■ 22.5270, 26.5491,
39.5345

■ 22.5270, 26.5491,
39.5345

257.8671,
285.4673, 359.6512

■ 14.3634, 17.2349,
26.8648

■ 47.0879, 54.1595,
75.6835

■ 8.4572, 10.4021,
17.2401

■ 64.2159, 73.2244,
99.9998

■ 4.4431, 5.6664,
10.2421

■ 85.0627, 96.3083,
129.0353

■ 1.9558, 2.6433,
5.4521

■ 109.9938,
123.7957, 163.2087

■ 0.6089, 0.9485,
2.4515

139.3744,
156.0709, 202.9385

■ 0.0000, 0.0000,
0.8143

173.5699,

■ 0.0000, 0.0000,

193.5183, 248.6431

0.0000

212.9457,
236.5223, 300.7412

■ 22.5270, 26.5491,
39.5345

■ 22.5270, 26.5491,
39.5345

■ 20.2511, 24.4049,
39.2411

■ 25.1974, 28.9342,
39.8546

■ 18.3442, 22.4864,
38.9712

■ 28.2807, 31.5682,
40.2005

■ 16.7820, 20.7811,
38.7244

■ 31.7970, 34.4626,
40.5738

■ 15.5358, 19.2738,
38.4992

■ 35.7646, 37.6271,
40.9755

■ 14.5717, 17.9467,
38.2938

■ 40.2005, 41.0708,
41.4064

■ 13.8133, 16.7601,
38.1047

■ 45.1209, 44.8024,
41.8674

■ 13.8133, 16.7599,
38.1047

■ 50.5410, 48.8302,
42.3591

■ 56.4756, 53.1620,
42.8825

■ 62.9387, 57.8055,
43.4381

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



21.3530, 26.5491, 33.3551



22.5270, 26.5491, 39.5345



24.4737, 26.5491, 43.0153

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



22.5270, 26.5491, 39.5345



29.7715, 26.5491, 31.1639



23.7833, 26.5491, 18.6854

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



22.5270, 26.5491, 39.5345



24.0150, 21.3912, 14.6682

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



26.0102, 26.5491, 18.2804



22.5270, 26.5491, 39.5345



29.5592, 26.5491, 24.8739

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



22.5270, 26.5491, 39.5345



28.7137, 26.5491, 37.7255



28.1499, 26.5491, 20.3790



22.0477, 26.5491, 21.5832

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



22.5270, 26.5491, 39.5345



25.9867, 26.5491, 43.0304



28.1499, 26.5491, 20.3790



24.4962, 26.5491, 18.2718

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



22.5278, 26.5501, 39.5351



55.4782, 60.5269, 72.5112



21.7247, 30.8128, 21.1740



11.9573, 13.0924, 15.8344



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



22.5278, 26.5501, 39.5351



36.6905, 44.1164, 70.3339



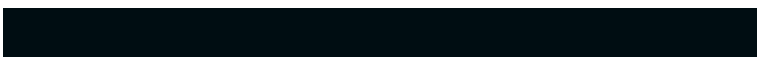
18.1256, 17.7457, 38.0677



7.1210, 7.7010, 9.0142



10.4914, 12.7623, 28.8402



0.2551, 0.3375, 0.6176

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



25.3248, 19.0618, 30.3627



42.5633, 29.3979, 50.8495



28.4382, 30.2378, 16.1426



7.2860, 7.1709, 8.4927



14.4411, 7.1325, 14.7791



0.3209, 0.1569, 0.4027

Previews

White Background



This preview shows how the XYZ color 22.5270, 26.5491, 39.5345 looks on a white background.

Color Contrast Check

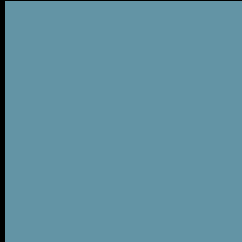
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 22.5270, 26.5491, 39.5345 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

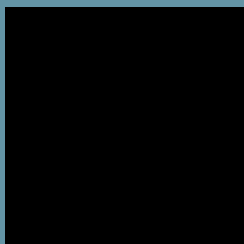
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

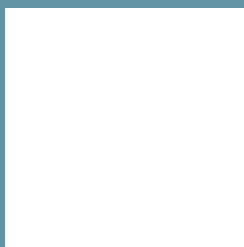
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 22.5270, 26.5491, 39.5345

Background



This preview shows how black text looks on a background with the XYZ color 22.5270, 26.5491, 39.5345.



This preview shows how white text looks on a background with the XYZ color 22.5270, 26.5491,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

22.5270, 26.5491, 39.5345

Protanopia

25.8072, 26.2868, 36.5146

Deuteranopia

26.9052, 26.3441, 40.2261



Tritanopia

22.2175, 26.6648, 37.6940

Trichromacy



Original Color

22.5270, 26.5491, 39.5345

Protanomaly

24.2744, 26.1302, 37.4824

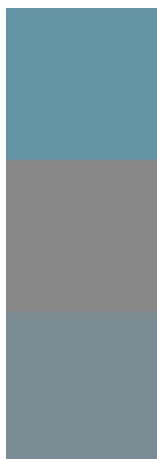
Deuteranomaly

25.0120, 26.2385, 39.8227

Tritanomaly

22.3060, 26.7002, 38.1604

Monochromacy



Original Color

22.5270, 26.5491, 39.5345

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

22.5924, 24.9691, 30.8229

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.5270, 26.5491, 39.5345 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color rgb(99, 148, 165) looks like.

```
.text, #text, p{  
    color:rgb(99, 148, 165)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(99, 148, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 148, 165) }
```

Border

The CSS property to change the border of an element to XYZ 22.5270, 26.5491, 39.5345 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(99, 148, 165) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(99, 148, 165) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(99, 148, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 148, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 148, 165);  
box-shadow:4px 4px 4px 4px rgb(99, 148,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 22.5270, 26.5491, 39.5345 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 148, 165) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(99, 148,  
165) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor